What is claimed is:

1. A camera arrangement for motor vehicles having a camera that is arranged in the vehicle interior behind a window, wherein an additional window, which is transparent, is arranged behind and a distance away from the window, at least in the portion of the window viewed by the camera, so that a layer of air is enclosed between the window and the additional window.

2. The camera arrangement according to claim 1, wherein the distance between the window and the additional window is less than 3 mm.

3. The camera arrangement according to claim 1, wherein the additional window is made of a transparent plastic material.

4. The camera arrangement according to claim 1, wherein a mounting ring is arranged on the window upon which the additional window is provided at a distance from the window.

5. The camera arrangement according to claim 4, wherein a light-tight cover is provided, which surrounds the space between the window and the camera objective lens in a light-tight manner, the light-tight cover having a light-admitting opening on the side facing the window, the camera objective lens being arranged on the end of the cover facing away from the window, and the additional window being arranged in front of the light-admitting opening of the cover.

6. The camera arrangement according to claim 5, wherein the light-tight cover is designed in the shape of a funnel that tapers away from the window.

7. The camera arrangement according to claim 4, wherein the additional window is glued to the mounting ring.

8. The camera arrangement according to claim 4, wherein the additional window and the mounting ring are made of plastic, and wherein the additional window and the mounting ring are bonded together by ultrasonic or laser-beam welding.

9. The camera arrangement according to claim 4, wherein the additional window and the mounting ring are made from plastic as a single piece by injection molding.

10. The camera arrangement according to claim 9, wherein the additional window and the mounting ring are manufactured from plastic as a single piece in a two-component injection molding process, and wherein the mounting ring is produced from a non-transparent plastic material and the additional window is produced from a transparent plastic material.

11. The camera arrangement according to claim 5, wherein the light-tight cover is glued to the additional window.

12. The camera arrangement according to claim 5, wherein the light-tight cover is pressed against the additional window by a spring provided between the mounting ring and the cover.

13. The camera arrangement according to claim 5, wherein the light-tight cover and the additional window is manufactured from plastic as a single piece in a two-component injection molding process, and wherein the light-tight cover is produced from a non-transparent plastic material and the additional window is produced from a transparent plastic material.

14. The camera arrangement according to claim 13, wherein the additional window and the light-tight cover, which is formed as one piece, is glued to the mounting ring.

15. The camera arrangement according to claim 13, wherein the additional window and the light-tight cover, which is formed as one piece, is pressed against the mounting ring by a spring provided between the mounting ring and the cover.

16. The camera arrangement according to claim 5, wherein the light-tight cover, the additional window, and the mounting ring are produced from plastic as a single piece by a two-component injection molding process, and wherein the light-tight cover is produced from a non-transparent plastic material and the additional window is produced from a transparent plastic material.

17. The camera arrangement according to claim 16, wherein the mounting ring is produced from a non-transparent plastic material.

18. The camera arrangement according to claim 16, wherein the mounting ring and the additional window, which is formed as a single piece, is glued to the window.

19. The camera arrangement according to claim 5, wherein the light-tight cover has a water vapor-permeable membrane.

20. A camera arrangement comprising:

a mounting ring arranged on an interior surface of a windshield of a vehicle;

a substantially transparent additional window being fixedly held onto the mounting ring at a predetermined distance from the interior surface of the windshield, thereby forming an air layer;

an objective lens of a camera being positioned at a predetermined distance behind the additional window; and

a cover substantially enclosing an area formed between the objective lens and the additional window.